

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/718,955

Source: FWO

Date Processed by STIC: 3/1/05

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IFWO

RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/10/718,955

TIME: 15:12:11

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\03012005\J718955.raw

Use

3 <110> APPLICANT: Johnson, Clayton H.
 4 McEwen, Joan E.
 6 <120> TITLE OF INVENTION: Histoplasma capsulatum Chitin Synthase Sequences and Their
 7 for Detection of Histoplasma capsulatum and Histoplasmosis
 9 <130> FILE REFERENCE: 294389
 11 <140> CURRENT APPLICATION NUMBER: US 10/718,955
 12 <141> CURRENT FILING DATE: 2003-11-21
 14 <150> PRIOR APPLICATION NUMBER: US 60/428,135
 15 <151> PRIOR FILING DATE: 2002-11-21
 17 <160> NUMBER OF SEQ ID NOS: 27
 19 <170> SOFTWARE: PatentIn version 3.3
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 22 <211> LENGTH: 281
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Histoplasma capsulatum
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 31 atctgtctgt atatatatac acatcgatat atatgtctt ttggctacgt attcaagcac 180
 33 tgggtccccc tgggtcgcggg ccacgggtacc agtgggtttca ggatgataac ctctcaacac 240
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P.6

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81 cgtagatga tactgatagc gcccctcag                                     149
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86 <212> TYPE: DNA
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131 gccgggtcat aaatccctcc tggcaactgtg ggaagccttc tataacgaca aagatctggg      240
133 cggtcgtgac ggcgaaatcc acgctatgtt gggcaaaggc tggaaaaacc tcatcaaccc      300
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145 caagtcgtcc aagggcgaga ctgacgtgcc cgaggagacc cccgaattca tcggccagcg      660
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157 ggccttcctg ctcttgcaagt ttattttggc tttgggtaac cggcctaaag gatctaaaca 1020
159 ctcgtacatc acctccttcg tcgtattcgg cattatccaa ttgtacatca ttgtcttadc 1080
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169 ggtctacgac ttcagcaact ggcacgatgt gtcgtggggc acaaaggggt cggacaaaagc 1380
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175 gctgacgccg tacgtggagc caaagggtga ggaggggaag tcgctagatg attcgtataa 1560
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189 aatataagac aaggatgggg gagaagagag catgaagatc gaagatcgaa agtcgaaagt 1980
191 cgaaaattga aaggagaaga aaggaaatga caagaaactg gcagctgccg cttggccaac 2040
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264 aatcggtgca aggcatgtgt cacgggggtac tcacctgaac aatcgacacg gcataaatgt 360
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:27; Xaa Pos. 106,107,108,125,128,133,142,143,144,145,146,179,208,280
Seq#:27; Xaa Pos. 298,300,316,380,392,596,619,620,621,622,624,625,640,676
Seq#:27; Xaa Pos. 681,685,686,687,690,701,702,703,711,722,728,746,759,761
Seq#:27; Xaa Pos. 803,834,842,846,870,874,875,877,884,890,891,894,921

VERIFICATION SUMMARY

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L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0

M:341 Repeated in SeqNo=10

L:2099 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0

M:341 Repeated in SeqNo=27